IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of installing a software program in a host device, said software program being required for said host device to communicate with a peripheral device, said method comprising the steps of:

coupling said host device to said peripheral device utilizing a USB serial interface, said peripheral device containing said software program stored in a memory device contained in said peripheral device;

~~determining a role of said host device and said peripheral device in accordance with the USB On-The-Go specification;~~

uploading said software program from said peripheral device to said host device over said USB serial interface; and

installing said software program in said host device thereby allowing communication between said host device and said peripheral device;

<u>wherein said software program is an application for executing a functional operation associated with an operation of said peripheral device.</u>

2. (Canceled)

3. (Canceled)

4. (Previously Presented) The method of installing a software program in a host device according to claim 1, wherein said host device and said peripheral device communicate with one another utilizing the USB specification.

5. (Currently Amended) A method of installing a software program in a host device, said software program being required for said host device to communicate with a peripheral device, said method comprising the steps of:

coupling said host device to said peripheral device utilizing a USB serial interface, said peripheral device containing said software program stored in a memory device contained in said peripheral device; and

~~determining a role of said host device and said peripheral device in accordance with the USB On-The-Go specification; and~~

determining if said host device comprises a copy of said software program stored in a memory device contained in said host device;

wherein if said host device comprises said software program in said memory device contained in said host device, said host device installs said software program so as to allow communication between said host device and said peripheral device, and if said host device does not comprise said software program in said memory device contained in said host device, said host device uploads said software program from said peripheral device to said host device over said USB serial interface, and installs said software program in said host device thereby allowing communication between said host device and said peripheral device,

said software program is an application for executing a functional operation associated with an operation of said peripheral device.

6. (Canceled)

7. (Canceled)

8. (Previously Presented) The method of installing a software program in a host device according to claim 5, wherein said host device and said peripheral device communicate with one another utilizing the USB specification.

9. (Currently Amended) A host device capable of communicating with any one of a plurality of peripheral devices utilizing a USB serial interface, said host device comprising:

a USB interface capable of defining said host device as a master device relative to said plurality of peripheral devices in accordance with the USB On-The-Go specification,

a software driver an application downloader for downloading the software driver an application of a given one of said plurality of peripheral devices, which is coupled to said host device via said USB serial interface, and

a software driver an application installer for installing said software driver application downloaded from said given one of said plurality of peripheral devices so as to allow communication between said host device and said given one of said plurality of peripheral devices;

wherein said application is for executing a functional operation associated with the operation of said given one of said plurality of peripheral devices.

10. (Previously Presented) The host device according to claim 9, wherein said host device and said given one of said plurality of peripheral devices communicate with one another utilizing the USB specification.

11. (Currently Amended) A peripheral device capable of communicating with a host device utilizing a USB serial interface, and peripheral device comprising:

a memory device,

a USB interface capable of defining said peripheral device as a slave device relative to said host device ~~in accordance with USB On-The-Go specification~~,

~~a software driver~~ an application in said memory device for communicating with said host device, and

~~a software driver~~ an application uploader for uploading said ~~software driver~~ application to said host device~~;~~

wherein said application is for executing a functional operation associated with the operation of the peripheral device.

12. (Previously Presented) The method of installing a software program in a host device according to claim 1, wherein said host device enumerates said peripheral device in accordance with the USB specification.

13. (Canceled)

14. (Canceled)

15. (Previously Presented) The method of installing a software program in a host device according to claim 5, wherein said host device enumerates said peripheral device in accordance with the USB specification.

16. (Canceled)

17. (Canceled)

18. (New) The method of installing a software program in a host device according to claim 1, the method further comprising the steps of:

determining a role of said host device and said peripheral device in accordance with USB On-The-Go specification.

19. (New) The method of installing a software program in a host device according to claim 5, the method further comprising the steps of:

determining a role of said host device and said peripheral device in accordance with USB On-The-Go specification.

20. (New) The host device according to claim 9, wherein said USB interface is capable of defining said host device in accordance with USB On-The-Go specification.

21. (New) The host device according to claim 9 further comprising:

a driver downloader for downloading a driver of a given one of said plurality of peripheral devices, which is coupled to said host device via said USB serial interface; and

a driver installer for installing said driver downloaded from said given one of said plurality of peripheral devices so as to allow communication between said host device and said given one of said plurality of peripheral devices; wherein

said driver is associated with said given one of said plurality of peripheral devices which allows for communication between said host device and said given one of said plurality of peripheral devices.

22. (New) The host device according to claim 21 further comprising:

a memory device for storing said downloaded driver until said application is downloaded.

23. (New) The peripheral device according to claim 11, wherein said host device and said peripheral device communicate with one another utilizing the USB specification.

24. (New) The peripheral device according to claim 11, wherein said USB interface is capable of defining said peripheral device in accordance with USB On-The-Go specification.

25. (New) The peripheral device according to claim 11 further comprising;

a driver in said memory device for communication with said host device, and

a driver uploader for uploading said application to said host device, wherein

said driver is associated with said given one of said plurality of peripheral devices which allows for communication between said host device and said given one of said plurality of peripheral devices.

26. (New) The peripheral device according to claim 25, wherein

said application uploader uploads said application after a memory device contained in said host device stores said uploaded driver.

27. (New) A method of installing a driver and an application in a host device, said driver and said application being required for said host device to communicate with a peripheral device, said method comprising the steps of:

coupling said host device to said peripheral device utilizing a USB serial interface, said peripheral device containing said driver and said application stored in a memory device contained in said peripheral device;

uploading said driver from said peripheral device to said host device over said USB serial interface;

uploading said application from said peripheral device to said host device over said USB serial interface;

installing said driver in said host device thereby allowing communication between said host device and said peripheral device; and

installing said application in said host device thereby allowing communication between said host device and said peripheral device;

wherein said driver is associated with said peripheral device which allows for communication between said host device and said peripheral device; and

said application is for executing a functional operation associated with the operation of the peripheral device.

28. (New) The method of installing a software program in a host device according to claim 27, the method further comprising the steps of:

storing said uploaded driver in a memory device contained in said host device until said application is uploaded.

29. (New) The method of installing a software program in a host device according to claim 27, wherein said host device and said peripheral device communicate with one another utilizing the USB specification.

30. (New) The method of installing a software program in a host device according to claim 27, wherein said host device enumerates said peripheral device in accordance with the USB specification.

31. (New) The method of installing a software program in a host device according to claim 30, wherein a USB core of said host device determines a type of said peripheral device and a driver to communicate with said peripheral device.

32. (New) The method of installing a software program in a host device according to claim 31, wherein the determination of said peripheral device and said driver is performed in accordance with the USB specification.

33. (New) The method of installing a software program in a host device according to claim 27, the method further comprising the steps of:

determining a role of said host device and said peripheral device in accordance with USB On-The-Go specification.

34. (New) A method of installing a driver and an application in a host device, said driver and said application being required for said host device to communicate with a peripheral device, said method comprising the steps of:

coupling said host device said peripheral device utilizing a USB serial interface, said peripheral device containing said driver and said application stored in a memory device contained in said peripheral device;

determining if said host device comprises a copy of said driver stored in a memory device contained in said host device; and

determining if said host device comprises a copy of said application stored in said memory device contained in said host device;

wherein if said host device comprises said driver or said application in said memory device contained in said host device, said host device installs said driver or said application so as to allow communication between said host device and said peripheral device, and if said host device does not comprise said driver or said application in said memory device contained in said host device, said host device uploads said driver or said application from said peripheral device to said host device over said USB serial interface, and installs said driver or said application in said host device thereby allowing communication between said host device and said peripheral device,

said driver is associated with said peripheral device which allows for communication between said host device and said peripheral device; and

said application is for executing a functional operation associated with the operation of the peripheral device.

35. (New) The method of installing a software program in a host device according to claim 34, wherein determining if said host device comprises said copy of said driver stored in said memory device contained in said host device is performed until determining if said host device comprises said copy of said application stored in said memory device contained in said host device.

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36. (New) The method of installing a software program in a host device according to claim 34, wherein said host device and said peripheral device communicate with one another utilizing the USB application.

37. (New) The method of installing a software program in a host device according to claim 34, wherein said host device enumerates said peripheral device in accordance with the USB specification.

38. (New) The method of installing a software program in a host device according to claim 37, wherein a USB core of said host device determines a type of said peripheral device and a driver to communicate with said peripheral device.

39. (New) The method of installing a software program in a host device according to claim 38, wherein the determination of said peripheral device and said driver is performed in accordance with the USB specification.

40. (New) The method of installing a software program in a host device according to claim 34, the method further comprising the steps of:

determining a role of said host device and said peripheral device in accordance with USB On-The-Go specification.